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A Barta, MP Consens, AO Mendelzon - Proceedings of the 31st .... 2005 - portal.acm.org

... Path summaries are used as back-ends that is, the **XML** guery is evaluated by **traversing** the path ... Thus, the Timber or the structural joins rates a cost-model for stems like Natix [12] les for ... egies for XML query esented in the context roposed in [6]. In the e higher level consists on ...

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... This component uses statistics and a **cost** model in order to trans- form the logical query plan into ... It is this additional factor that makes optimization of queries over XML data both important ... Once we have an object satisfying the predicate, we traverse back- wards through the data ...

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J Lv, G Wang, JX Yu, G Yu, H Lu, B Sun - Lecture Notes in Computer ..., 2002 - Springer

... Check if the **cost** of complementing approach is lower than that of the original path, if does ... XMark is another known **XML** benchmark [10], which has only a large single **XML** document ... Due to the **selectivity** of RPE DOMTR needs not to **traverse** the whole DOM tree, whereas extent ...

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F Ge, S Chandrasekar, N Agarwal, R ... - US Patent App. 10/ ..., 2004 - Google Patents ... in the **XML** database repository are gathered, stored in a relational table in the database management system, and used to compute the **selectivity** of query predicates and the index **cost** asso- ciated with **traversing** one or more indexes to access the requested **XML** resources. ... All 2 versions

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Y Diao, M Altinel, MJ Franklin, H Zhang, P ... - ACM Transactions on ..., 2003 - portal acm.org ... would become highly skewed, with a small number of very long candidate lists that do not provide much **selectivity**. ... **XML** Path Sharing and Predicate Evaluation • 481 Fig. ... Rather, other **costs** such as document parsing are in many cases more expensive than the basic path match ... Cited by 255 - Related articles - BL Direct - All 22 versions

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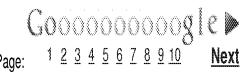
ZG Ives, AY Halevy, DS Weld - The VLDB Journal, 2002 - Springer
... Predicates can be evaluated early or late, depending on their **selectivity**. ... Page 7. 386 ZG Ives et al.: An **XML** query engine for network-bound data ... pub = book/item \$t2 = \$pub/@title \$p = \$pub/source \$pi = \$p/@ID \$pr = \$p/price books amazon \$pID = \$pi, \$t = \$t2 Output ... Cited by 113 - Related articles - All 23 versions

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